

Title (en)
VARIABLE GUIDE VANE ACTUATING DEVICE FOR A TURBINE ENGINE

Publication
EP 0253234 B1 19891025 (DE)

Application
EP 87109592 A 19870703

Priority
DE 3623001 A 19860709

Abstract (en)
[origin: US4810165A] An adjusting mechanism for pivotal guide blades of turbo-propulsion units in which a rotatable adjusting ring is supported in a concentric support ring. The support ring is heat-insulatingly connected with the turbine housing by way of several connecting lugs or slide block guidances distributed over the circumference and the adjusting ring is connected with the guide blades by way of bendable pivot levers. It is achieved thereby that the heat flow from the hot turbine housing to the adjusting mechanism remains small and an exact adjustment of the guide blades can be achieved in this manner.

IPC 1-7
F01D 17/16

IPC 8 full level
F02C 9/22 (2006.01); **F01D 17/16** (2006.01)

CPC (source: EP US)
F01D 17/162 (2013.01 - EP US)

Cited by
EP0532907A1; US5342169A; GB2206381B

Designated contracting state (EPC)
AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
US 4810165 A 19890307; AT E47617 T1 19891115; DE 3623001 C1 19870709; DE 3760882 D1 19891130; EP 0253234 A1 19880120; EP 0253234 B1 19891025; JP H0735734 B2 19950419; JP S6325327 A 19880202

DOCDB simple family (application)
US 7107187 A 19870708; AT 87109592 T 19870703; DE 3623001 A 19860709; DE 3760882 T 19870703; EP 87109592 A 19870703; JP 16412987 A 19870702